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DEPARTMENT OF NATURAL RESOURCES

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M/035/0020

0004

June 16, 2009

Scott Hughes
Lakeview Rock Products, Inc.
P.O. Box 540700
North Salt Lake, Utah 84054-0700

Subject: Seventh Review of Notice of Intention to Commence Large Mining Operations, Lakeview Rock Products, Inc., Beck Street Quarry, M/035/020, Salt Lake County, Utah

Dear Mr. Hughes:

The Division has completed a review of your response, received July 30, 2008, to the Division's Order to Revise issued May 12, 2008. I appreciate your response and apologize for the delay in giving you our review.

In completing this review, we have tried to ensure our comments are consistent with the rules. Most of the comments deal with missing or incomplete information, maps, and the variance requests. In some cases, information was included in the response letter but was not submitted for inclusion in the plan.

If it is not clear what is being required or why, or if you disagree with some of the comments, please call or schedule a meeting so we can discuss the issues rather than potentially going through another round of review. Disagreements often result from misunderstandings, and the Division is willing to listen to your viewpoints.

Please format your response with replacement pages for the notice of intention done in redline/strikeout. After the changes have been approved, we will ask that you send us two clean copies of the replacement pages so they can be stamped approved and one copy returned to you.

If you have any questions or wish to schedule a meeting, please contact me at (801) 538-5261 or Leslie Heppler, at (801) 538-5257. Thank you for your cooperation in completing this permitting action.

Sincerely,

Paul B. Baker
Minerals Program Manager

PBB;jah:vs
Attachment: Review
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0004

**SEVENTH REVIEW OF NOTICE OF INTENTION
TO COMMENCE LARGE MINING OPERATIONS**

**Lakeview rock Products
Beck Street Quarry**

**M/035/0020
June 8, 2009**

General Comments:

Comment #	Sheet/Page/Map/Table #	Comments	Initials	Review Action
1	General	Comments submitted in response to this review and to the May 12, 2008, order to revise should be submitted as replacement pages for the NOI.	LAH	
2	General — Pagination	The NOI contains no pages 8, 9, or 10. This appears to be a pagination error rather than an omission.	PBB	
3	Page 1, para 3 of the response letter	As you have noted, please advise the Division when the 2009 version of the slope stability analysis to be submitted. Include the static and dynamic FOS, stamped report by the engineer of record, detailed geologic data (orientation geomechanical rock properties), detailed bench configurations, vibration limitations, vibration monitoring program. Incorporate the data into the NOI in the appropriate locations.	LAH	
4	Page 1, para 4 of the response letter	Provide a date for the submission of topsoil information. (Variance is not justified without this information.)	LAH	
5	Appendix C	Appendix C was not included in the final, clean copy of the plan, but the Division has a copy of the IGES report from a previous version. As you have noted, a new report should be submitted in 2009. Please provide a place holder for Appendix C.	LAH	

R647-4-105 - Maps, Drawings & Photographs

General Map Comments

Comment #	Sheet/Page/Map/Table #	Comments	Initials	Review Action
6	Figure 1-5	Submit revised figures as indicated in July 30, 2008, correspondence. The Division received the following maps with this letter: Figures 7 and 8 and a geology map.	LAH	
7	Figure 4	Add horizontal scale to the cross sections in feet. It does not appear that the horizontal scale on the cross sections matches the scale on the planar view.	LAH	
8	Figure 4 and 6	Figure 6 is not reflected on the cross sections on figure 4.	LAH	
9	Figure 5	What percent of rock is retained as designed in figure 5? As shown in figure 5, many parts of the highwall do not have catch basins, and there will be rockfall outside of the catch basins.	LAH	
10	Figure 7, 8 and Geology	Three additional figures have been received on July 30, 2008. Incorporate references to these figures in the text and include holders for the maps.	LAH	
11	Geology Map	Include north arrow on the general geologic map. A geologic map should be included at a scale that provides detail of the scope and scale of the Lakeview mine.	LAH	

106.2 - Type of operations conducted, mining method, processing etc.

Comment #	Sheet/Page/Map/Table #	Comments	Initials	Review Action
12	Page 9 of response letter, first full paragraph	Include the verbiage from the response letter in the NOI: "Hazardous materials will be handled and disposed of appropriately as required by law."	LAH	

106.6 - Plan for protecting & re-depositing soils

Comment #	Sheet/Page/Map/Table #	Comments	Initials	Review Action
13	Page 11, Section 4.6	The plan says soil will not be salvaged from approximately 12 acres of relatively undisturbed ground because the majority of the area contains steep slopes making it nearly impossible to salvage topsoil. Please state in the plan how steep the slopes are and show on a map where these areas are. Also, since the plan says slopes are steep on "the majority of the area," it appears there are areas from which soil could be salvaged.	PBB	
14	Page 11, Section 4.5	(Comment only—no response needed.) The plan says soil piles have revegetated with volunteer species which protects them from erosion. The stockpiles should be inspected to determine what species are present because "volunteer species" often means weeds.	PBB	

R647-4-109 - Impact Assessment**109.4 - Slope stability, erosion control, air quality, safety**

Comment #	Sheet/Page/Map/Table #	Comments	Initials	Review Action
15	None	There was a fly rock incident this year. As a result of this incident, have any changes been made to the operation plan that need to be included in the mine plan?	LAH	
16	Page 11, para 2	The Division recommends that all exploration drill holes within a future blasting area be plugged. The statement that "all drill holes disappear as part of the blasting sequence of the mining process" probably should not be part of the permit. Fly rock or stability problems can be caused by unplugged drill holes.	LAH	

109.5 - Actions to mitigate any impacts

Comment #	Sheet/Page/Map/Table #	Comments	Initials	Review Action
17	Page 12 of response letter, Para 8	Provide a time frame for the SWPPP to be included in the permit	LAH	

Comment #	Sheet/Page / Map/Table #	Comments	Initials	Review Action
18	Page 14 of the response letter, para 4	Provide the Air Quality approval order for an appendix for the NOI	LAH	
19	Pages 15 -16 of the response letter	Slope stability issues will be addressed when final report is submitted (see comment 2 listed above).	LAH	

R647-4-110 - Reclamation Plan

110.1 - Current & post mining land use

Comment #	Sheet/Page / Map/Table #	Comments	Initials	Review Action
20	Section 7.1, Land Use	(No response needed at this time.) The Division previously commented about a May 10, 2006, letter from Salt Lake City Corporation and how the plan was inconsistent with local zoning requirements. The response to this comment indicates Lakeview had a legal nonconforming use on the property. The Division will forward this comment to Salt Lake City Corporation. Changes to the plan may be needed in the future.	PBB	

110.5 - Revegetation planting program

Comment #	Sheet/Page / Map/Table #	Comments	Initials	Review Action
21	Section 7.5, Page 27	(Recommendation, no reply required.) The plan says manure will be used on the safety berm and road spur which are areas where topsoil will be used. Manure often increases weed growth, and the Division encourages the operator to not use manure in these areas. Composted manure would be beneficial for areas where topsoil will not be used.	PBB	

R647-4-112 - Variance

Comment #	Sheet/Page / Map/Table #	Comments	Initials	Review Action
22	Appendix C	See comment 2 listed above	LAH	
23	NOI Page 29, para 6	There is an incomplete sentence in the last paragraph	LAH	
24	Section 8.0, Page 29	Except for the variance request regarding redistribution of soil on the pit floor (see below), please remove the topsoil stockpiling and redistribution variance requests. Rule R647-4-107.5 requires that suitable soil be removed and stored where practical. If soil removal is not practical because of extremely steep slopes, a variance is not needed. Please note, however, that the Division is seeking further information about the steepness of the slopes from which soil would not be salvaged, and the plan also indicates some of the 12-acre area may not have steep slopes.	PBB	

Comment #	Sheet/Page/Map/Table #	Comments	Initials	Review Action
25	Section 8.0, Page 29	Please provide further information about the request to not redistribute soil on the pit floor. The plan says there would be insufficient access, and while this may be a legitimate reason, the plan should give a few more details. Why will there be insufficient access?	PBB	
26	Section 8.0, Pages 29-30	Please remove the requests for variances concerning revegetation success standards. As explained in the previous review, these variance requests are not needed. The rules contain two standards which are listed in R647-4-111.13.11 and R647-4-111.13.12. The first of these requires that vegetation cover in reclaimed areas be 70 percent of the premining vegetation ground cover. The second says revegetation shall be considered accomplished when the Division determines that revegetation has been completed within practical limits. While this is a subjective determination, the standard applies to situations like the highwall benches and the pit floor where the Division expects revegetation efforts to be done within practical limits and where it may be impossible to achieve 70 percent of the premining vegetation ground cover.	PBB	

R647-4-113 – Surety

Comment #	Sheet/Page/Map/Table #	Comments	Initials	Review Action
27	Pages 19-21	(Comment only; no reply needed.) Bond for the site is to be reviewed on 11/01/2011. At that time DOGM would like to incorporate the bond into a standardized spreadsheet.	LAH	